RI

1985 PEST CONDITIONS REPORT WORK SHEET

PEST (COMMON NAME): Orange-striped Oakworm

(SPECIFIC NAME): Anisota senatoria (see attached map)

HOST:

White and other oak species

PRESENT CONDITION:

AREA (TOTAL ACRES): 4,065

LOCATION: Coventry, Scituate, Johnston, North Kingstown and East Greenwich

SEVERITY (INCLUDE ACRES OF MODERATE AND HEAVY DEFOLIATION OR INFECTION; DEFINE CLASSES):

Moderate defoliation -- 2,565 acres

Severe defoliation -- 1,500 acres

LOSSES (INCLUDE AREAS OF TREE MORTALITY; ALSO VOLUME AND/OR $ ESTIMATES):

Dollar value not calculated

TREND:

PAST TO PRESENT: Second consecutive year of significant defoliation after a period of 10-12 years of little problem

FUTURE:

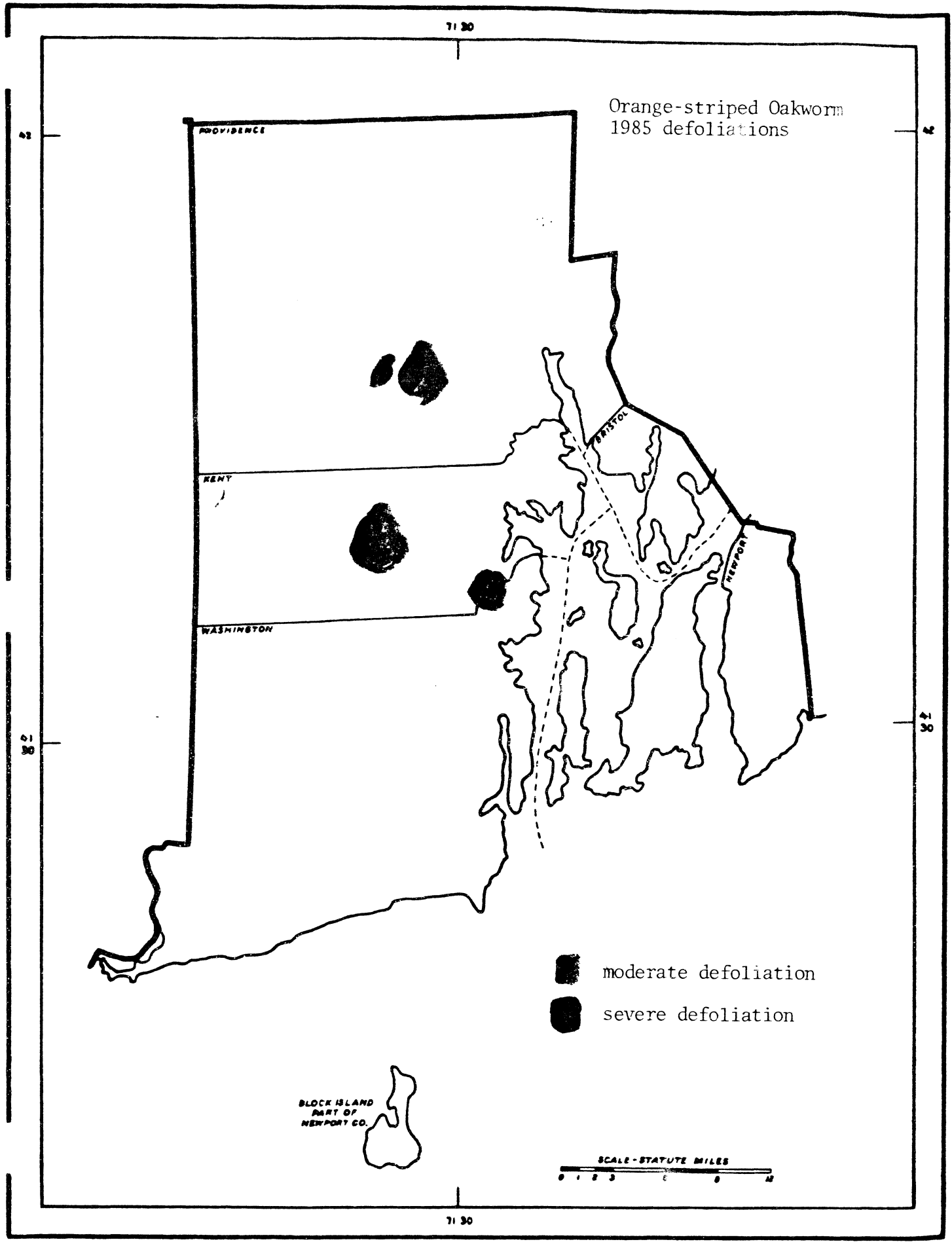
No survey work done or planned

CONTROL PROJECTS (METHOD, MATERIAL, ACRES, COST, RESULTS):

- No state or local control work planned

COMMENTS: Approximately 400 acres of woodland defoliated late August-early September 1984 mainly on City of Providence Water Supply property in the town of Scituate, R.I.

RHODE ISLAND



RI

1985 PEST CONDITIONS REPORT WORK SHEET

PEST (COMMON NAME): Gypsy moth

(SPECIFIC NAME): Lymantria dispar

HOST: Oaks

PRESENT CONDITION: Heavy concentrations of masses (1000+/acre) throughout the state

AREA (TOTAL ACRES): 367,710 acres

LOCATION: All of Rhode Island except Newport and Bristol Counties and Providence metropolitan areas.

SEVERITY (INCLUDE ACRES OF MODERATE AND HEAVY DEFOLIATION OR INFECTION; DEFINE CLASSES):

52,770 acres 30-60% defoliated 1985
81,150 acres 60%+ defoliated 1985

LOSSES (INCLUDE AREAS OF TREE MORTALITY; ALSO VOLUME AND/OR $ ESTIMATES):

Unable to ascertain; however, tree mortality a-d oak decline are evident statewide as a result of 1981-82 infestation.

TREND:

PAST TO PRESENT: After a record defoliation in 1981-82 the population dropped in 1983 and appeared to be declining in 1984, but defoliation increased over 1983 level. Defoliation increased again in 1985

FUTURE:

Egg mass survey shows virtually all forested areas to be heavily infested.

CONTROL PROJECTS (METHOD, MATERIAL, ACRES, COST, RESULTS):

Bacillus thuriengensis applied at 12BIU on 22,000 acres @ $8.07. Results were poor throughout treated area

COMMENTS:

Due to large acreage involved, lack of past sucess, and failure to meet control objectives, we propose to let the gypsy moth go untreated in 1986, except for homeowners protecting their own properties.

RI

1985 PEST CONDITIONS REPORT WORK SHEET

PEST (COMMON NAME): Diplodia Twig Blight

(SPECIFIC NAME): Diplodia pinea

HOST: All pine species especially Austrian Pine

PRESENT CONDITION:

AREA (TOTAL ACRES): Found statewide

LOCATION: Problems low to moderate in all counties

SEVERITY (INCLUDE ACRES OF MODERATE AND HEAVY DEFOLIATION OR INFECTION; DEFINE CLASSES):

No measurements or estimates done.

LOSSES (INCLUDE AREAS OF TREE MORTALITY; ALSO VOLUME AND/OR $ ESTIMATES):

No estimates of volume and/or dollar loss done

TREND:

PAST TO PRESENT: Low to moderate problems last year and this year after three to four year of significant problems in every county

FUTURE:

No survey work done for this disease

CONTROL PROJECTS (METHOD, MATERIAL, ACRES, COST, RESULTS):

No state or local control programs in place in Rhode Island

COMMENTS:

Few complaints statewide

RI

1985 PEST CONDITIONS REPORT WORK SHEET

PEST (COMMON NAME): Fall Webworm

(SPECIFIC NAME): Hyphantria cunea

HOST:

Black cherry, Ash et al

PRESENT CONDITION:

AREA (TOTAL ACRES): Found statewide

LOCATION: Populations high in all counties

SEVERITY (INCLUDE ACRES OF MODERATE AND HEAVY DEFOLIATION OR INFECTION; DEFINE CLASSES):

Moderate to heavy

LOSSES (INCLUDE AREAS OF TREE MORTALITY; ALSO VOLUME AND/OR $ ESTIMATES):

No estimates of volume and/or dollar loss done

TREND:

PAST TO PRESENT: Moderate to heavy populations for the second consecutive year after being at a low level for six years

FUTURE:

No survey work done for this insect pest

CONTROL PROJECTS (METHOD, MATERIAL, ACRES, COST, RESULTS):

No state or local control programs in place in Rhode Island

COMMENTS:

Problems mainly on roadside trees

RE

1985 PEST CONDITIONS REPORT WORK SHEET

PEST (COMMON NAME): Eastern Tent Caterpillar

(SPECIFIC NAME): Malacosma americana

HOST:

Black Cherry and Apple (rose) related species

PRESENT CONDITION:

AREA (TOTAL ACRES): Found statewide

LOCATION: Mainly in Providence County

SEVERITY (INCLUDE ACRES OF MODERATE AND HEAVY DEFOLIATION OR INFECTION; DEFINE CLASSES):

Minor populations statewide

LOSSES (INCLUDE AREAS OF TREE MORTALITY; ALSO VOLUME AND/OR $ ESTIMATES):

No estimates of volume and/or dollar loss done

TREND:

PAST TO PRESENT:

Populations down to a low level in all portions of the state for the second consecutive year.

FUTURE:

No survey work done for this insect pest

CONTROL PROJECTS (METHOD, MATERIAL, ACRES, COST, RESULTS):

No state control program or local controls in place

COMMENTS:

Very few complaints statewide

RI

1985 PEST CONDITIONS REPORT WORK SHEET

PEST (COMMON NAME): White Pine Weevil

(SPECIFIC NAME): Pissodes strobi

HOST: White pine, various species of spruce and fir

PRESENT CONDITION:

AREA (TOTAL ACRES): Found statewide

LOCATION: Moderate infestations in all counties

SEVERITY (INCLUDE ACRES OF MODERATE AND HEAVY DEFOLIATION OR INFECTION; DEFINE CLASSES):
Moderate populations statewide

LOSSES (INCLUDE AREAS OF TREE MORTALITY; ALSO VOLUME AND/OR $ ESTIMATES):

No estimate of volume and/or dollar loss done

TREND:

PAST TO PRESENT: Populations down statewide for the second consecutive year after being heavy for four years

FUTURE:
No survey work done for this insect pest

CONTROL PROJECTS (METHOD, MATERIAL, ACRES, COST, RESULTS):

No state control program or local controls in place

COMMENTS:

Few complaints statewide. Reported as a nursery pest in Rhode Island

RI

1985 PEST CONDITIONS REPORT WORK SHEET

PEST (COMMON NAME): Fall Cankerworm

(SPECIFIC NAME): Alsophila pometaria

HOST: Mainly on oak and maple species.

PRESENT CONDITION:

AREA (TOTAL ACRES): Found statewide

LOCATION: Concentrated mainly in Kent County

SEVERITY (INCLUDE ACRES OF MODERATE AND HEAVY DEFOLIATION OR INFECTION; DEFINE CLASSES):

No measurements or estimates done

LOSSES (INCLUDE AREAS OF TREE MORTALITY; ALSO VOLUME AND/OR $ ESTIMATES):

No estimates of volume and/or dollar loss done

TREND:

PAST TO PRESENT: Third year of minor populations after five years of heavy populations

FUTURE: No survey work done for this insect pest

CONTROL PROJECTS (METHOD, MATERIAL, ACRES, COST, RESULTS):

No state or local control programs in place in Rhode Island

COMMENTS: Few complaints statewide

RT

1985 PEST CONDITIONS REPORT WORK SHEET

PEST (COMMON NAME): Oak Skeletonizer

(SPECIFIC NAME): Bucculatrix ainsliella

HOST: Various species of oak

PRESENT CONDITION:

AREA (TOTAL ACRES): Found statewide

LOCATION: Concentrated mainly in Providence County

SEVERITY (INCLUDE ACRES OF MODERATE AND HEAVY DEFOLIATION OR INFECTION; DEFINE CLASSES):
No measurements or estimates done

LOSSES (INCLUDE AREAS OF TREE MORTALITY; ALSO VOLUME AND/OR $ ESTIMATES):

No estimate of volume and/or dollar loss done

TREND:

PAST TO PRESENT: Moderate populations this year, heavy last year

moderate populations in 1983

FUTURE: No survey work done for this insect pest

CONTROL PROJECTS (METHOD, MATERIAL, ACRES, COST, RESULTS):
No state or local control programs in place in Rhode Island

COMMENTS:
Some complaints mainly from Providence County